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Docket No. 03-004712
YAN.041

AMENDMENTS TO THE CLAIMS:

1. (Canceled)

2. (Currently amended) The ~~mobile communication system method~~ according to claim-1 29,

wherein the movement of the radio terminal between radio network controllers is movement during a period ~~until~~ before data reception and after said radio terminal has joined the service.

3. (Currently amended) The ~~mobile communication system machine readable medium~~ according claim-2 29,

wherein ~~said the~~ movement of the radio terminal is movement during an idle mode or a standby state.

4-27. (Canceled)

28. (New) A mobile communication system for delivering identical data from a data source to a plurality of radio terminals, said mobile communication system comprising a plurality of radio network controllers, each controller including circuitry for counting the number of radio terminals connected to such controller to receive the data from the data source and circuitry for controlling delivery of the data within an associated cell, wherein:

when a radio terminal within a first cell is connected to the controller associated with

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the first cell, upon movement of the radio terminal from the first cell to a second cell, the radio terminal establishes connection to the controller associated with the second cell;

in response to connection of the radio terminal to the controller associated with the second cell, the count of radio terminals connected to the controller associated with the first cell is decremented and the count of radio terminals connected to the controller associated with the second cell is incremented;

the number of radio terminals connected to the controller associated with the second cell is compared with a predetermined number;

if the number of radio terminals connected to the controller associated with the second cell is less than the predetermined number, a dedicated channel is set between the radio terminal and the controller associated with the second cell;

if the number of radio terminals connected to the controller associated with the second cell is equal to or greater than the predetermined number, a common channel is set between the radio terminal and the controller associated with the second cell; and

the data is delivered from the controller associated with the second cell to the radio terminal over the set channel.

29. (New) A method of operating a mobile communication system to deliver identical data from a data source to a plurality of radio terminals, the mobile communication system including a plurality of radio network controllers, each controller maintaining a count of the number of radio terminals connected to such controller to receive the data from the data source and controlling delivery of the data within an associated cell, said method comprising:

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connecting a radio terminal within a first cell to the controller associated with the first cell;

upon movement of the radio terminal from the first cell to a second cell, connecting the radio terminal to the controller associated with the second cell;

decrementing the count of radio terminals connected to the controller associated with the first cell;

incrementing the count of radio terminals connected to the controller associated with the second cell;

comparing the number of radio terminals connected to the controller associated with the second cell with a predetermined number;

if the number of radio terminals connected to the controller associated with the second cell is less than the predetermined number, setting a dedicated channel between the radio terminal and the controller associated with the second cell;

if the number of radio terminals connected to the controller associated with the second cell is equal to or greater than the predetermined number, setting a common channel between the radio terminal and the controller associated with the second cell; and

delivering the data from the controller associated with the second cell to the radio terminal over the set channel.

30. (New) A machine readable medium having stored thereon a program for causing a computer to execute an operation control method to cause a mobile communication system to deliver identical data from a data source to a plurality of radio terminals, the mobile

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communication system including a plurality of radio network controllers, each controller maintaining a count of the number of radio terminals connected to such controller to receive the data from the data source and controlling delivery of the data within an associated cell, said method comprising:

- connecting a radio terminal within a first cell to the controller associated with the first cell;

- upon movement of the radio terminal from the first cell to a second cell, connecting the radio terminal to the controller associated with the second cell;

- decrementing the count of radio terminals connected to the controller associated with the first cell;

- incrementing the count of radio terminals connected to the controller associated with the second cell;

- comparing the number of radio terminals connected to the controller associated with the second cell with a predetermined number;

- if the number of radio terminals connected to the controller associated with the second cell is less than the predetermined number, setting a dedicated channel between the radio terminal and the controller associated with the second cell;

- if the number of radio terminals connected to the controller associated with the second cell is equal to or greater than the predetermined number, setting a common channel between the radio terminal and the controller associated with the second cell; and

- delivering the data from the controller associated with the second cell to the radio terminal over the set channel.

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31. (New) The machine readable medium according to claim 30,
wherein the movement of the radio terminal between radio network controllers is
movement during a period before data reception and after said radio terminal has joined the
service.

32. (New) The machine readable medium according to claim 30,
wherein the movement of the radio terminal is movement during an idle mode or a
standby state.